

Robertville dam

Restoration of the downstream wall



Robertville dam, rue du barrage, Waimes (BE)

Complete stability mission

Owner
ENGIE Axima

Project Author
Greisch

Cost of the works
€ 1,72 M excl. vat of wich
€ 171 000 for the structure

Studies
2016 - 2017

Execution
2021 - 2022

RV



The Robertville dam was built between 1925 and 1929. With a height of 55 m, it dominates the Warche and serves as a reservoir for drinking water and as a power supply for the Bévercé hydroelectric plant.

This high head dam made of concrete and sandstone blocks, with a triangular profile, 182 m long and 38 m thick at the base, holds the Robertville Lake, with an area of 67 ha and a capacity of 8 million m³ of water.

The dam modernisation works consist of the renovation of columns, masonry, and renewal of joints. The work is scheduled to be completed in autumn 2022.

The renovation of the Robertville dam is part of a more global modernisation strategy of the site by Engie-Electrabel. The company intends, in the long term, to renovate the entire hydroelectric plant of Bévercé.